Supplemental Figure 4: Depiction of different turning behaviors. The change from the body axis at the starting position (antennal contact) is measured at each step (annuli) (A). In pre-test trials only 1.7% of trials failed to reach a 30 degree turn in 8 steps, and only 0.9% of trials reached more than 30 degrees in the wrong direction. We used these criteria to determine whether or not an individual turned normally (B), turned the “wrong direction” (C), or “failed to turn” (D). 5 representative trials from the post-test are located on each graph.